
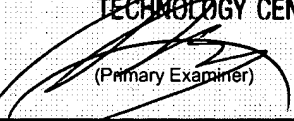



|  |                        |                     |  |
|--|------------------------|---------------------|--|
| <b>Issue Classification</b><br> | <b>Application No.</b> | <b>Applicant(s)</b> |  |
|  | 09/227,529             | KUMAGAI ET AL.      |  |
|  | <b>Examiner</b>        | <b>Art Unit</b>     |  |
|  | Ahshik Kim             | 2876                |  |

| ISSUE CLASSIFICATION  |   |          |   |      |   |                                   |  |  |  |
|---|---|----------|---|------|---|-----------------------------------|--|--|--|
| ORIGINAL  |   |          |   |      | CROSS REFERENCE(S)  |                                   |  |  |  |
| CLASS   |   | SUBCLASS |   |      | CLASS   | SUBCLASS (ONE SUBCLASS PER BLOCK) |  |  |  |
| 235   |   | 462.14   |   |      | 235   | 462.43                            |  |  |  |
| INTERNATIONAL CLASSIFICATION  |   |          |   |      |   |                                   |  |  |  |
| G   | 0 | 6        | K | 7/10 |   |                                   |  |  |  |
|   |   |          |   | /    |   |                                   |  |  |  |
|   |   |          |   | /    |   |                                   |  |  |  |
|   |   |          |   | /    |   |                                   |  |  |  |
|   |   |          |   | /    |   |                                   |  |  |  |
| Ahshik Kim 7/2/04<br>(Assistant Examiner) (Date)  |   |          |   |      | <b>MICHAEL G. LEE</b><br><b>SUPERVISORY PATENT EXAMINER</b><br><b>TECHNOLOGY CENTER 2800</b><br><br>(Primary Examiner) |                                   |  | <b>Total Claims Allowed: 3</b><br><br>O.G. Print Claim(s) 1<br>O.G. Print Fig. 6 |  |
| <br>Aphie M. Wise 7/12/04<br>(Legal Instruments Examiner) (Date) |   |          |   |      |   |                                   |  |  |  |

| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant |          |       |          | <input type="checkbox"/> CPA |          |       |          | <input type="checkbox"/> T.D. |          |       |          | <input type="checkbox"/> R.1.47 |          |       |          |
|--|----------|-------|----------|------------------------------|----------|-------|----------|-------------------------------|----------|-------|----------|---------------------------------|----------|-------|----------|
| Final  | Original | Final | Original | Final                        | Original | Final | Original | Final                         | Original | Final | Original | Final                           | Original | Final | Original |
|  | 1        |       | 31       |                              | 61       |       | 91       |                               | 121      |       | 151      |                                 | 181      |       | 211      |
|  | 2        |       | 32       |                              | 62       |       | 92       |                               | 122      |       | 152      |                                 | 182      |       | 212      |
|  | 3        |       | 33       |                              | 63       |       | 93       |                               | 123      |       | 153      |                                 | 183      |       | 213      |
|  | 4        |       | 34       |                              | 64       |       | 94       |                               | 124      |       | 154      |                                 | 184      |       | 214      |
|  | 5        |       | 35       |                              | 65       |       | 95       |                               | 125      |       | 155      |                                 | 185      |       | 215      |
|  | 6        |       | 36       |                              | 66       |       | 96       |                               | 126      |       | 156      |                                 | 186      |       | 216      |
|  | 7        |       | 37       |                              | 67       |       | 97       |                               | 127      |       | 157      |                                 | 187      |       | 217      |
|  | 8        |       | 38       |                              | 68       |       | 98       |                               | 128      |       | 158      |                                 | 188      |       | 218      |
|  | 9        |       | 39       |                              | 69       |       | 99       |                               | 129      |       | 159      |                                 | 189      |       | 219      |
|  | 10       |       | 40       |                              | 70       |       | 100      |                               | 130      |       | 160      |                                 | 190      |       | 220      |
|  | 11       |       | 41       |                              | 71       |       | 101      |                               | 131      |       | 161      |                                 | 191      |       | 221      |
|  | 12       |       | 42       |                              | 72       |       | 102      |                               | 132      |       | 162      |                                 | 192      |       | 222      |
|  | 13       |       | 43       |                              | 73       |       | 103      |                               | 133      |       | 163      |                                 | 193      |       | 223      |
|  | 14       |       | 44       |                              | 74       |       | 104      |                               | 134      |       | 164      |                                 | 194      |       | 224      |
|  | 15       |       | 45       |                              | 75       |       | 105      |                               | 135      |       | 165      |                                 | 195      |       | 225      |
|  | 16       |       | 46       |                              | 76       |       | 106      |                               | 136      |       | 166      |                                 | 196      |       | 226      |
|  | 17       |       | 47       |                              | 77       |       | 107      |                               | 137      |       | 167      |                                 | 197      |       | 227      |
|  | 18       |       | 48       |                              | 78       |       | 108      |                               | 138      |       | 168      |                                 | 198      |       | 228      |
|  | 19       |       | 49       |                              | 79       |       | 109      |                               | 139      |       | 169      |                                 | 199      |       | 229      |
|  | 20       |       | 50       |                              | 80       |       | 110      |                               | 140      |       | 170      |                                 | 200      |       | 230      |
|  | 21       | 1     | 51       |                              | 81       |       | 111      |                               | 141      |       | 171      |                                 | 201      |       | 231      |
|  | 22       |       | 52       |                              | 82       |       | 112      |                               | 142      |       | 172      |                                 | 202      |       | 232      |
|  | 23       |       | 53       |                              | 83       |       | 113      |                               | 143      |       | 173      |                                 | 203      |       | 233      |
|  | 24       |       | 54       |                              | 84       |       | 114      |                               | 144      |       | 174      |                                 | 204      |       | 234      |
|  | 25       |       | 55       |                              | 85       |       | 115      |                               | 145      |       | 175      |                                 | 205      |       | 235      |
|  | 26       | 2     | 56       |                              | 86       |       | 116      |                               | 146      |       | 176      |                                 | 206      |       | 236      |
|  | 27       |       | 57       |                              | 87       |       | 117      |                               | 147      |       | 177      |                                 | 207      |       | 237      |
|  | 28       |       | 58       |                              | 88       |       | 118      |                               | 148      |       | 178      |                                 | 208      |       | 238      |
|  | 29       |       | 59       |                              | 89       |       | 119      |                               | 149      |       | 179      |                                 | 209      |       | 239      |
|  | 30       | 3     | 60       |                              | 90       |       | 120      |                               | 150      |       | 180      |                                 | 210      |       | 240      |